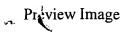
Information filtering apparatus for use in electronic library, corrects user profile for every user group based on feedback received from user

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WPI Acc No: 2000-334804/200029
Patent Assignee: TOSHIBA KK (TOKE )
Number of Countries: 001 Number of Patents: 001
Patent Family:
Patent No
             Kind
                     Date
                             Applicat No
                                            Kind
                                                            Week
JP 2000105766 A 20000411 JP 98274539
                                                1998092
                                                           200029 B
Priority Applications (No Type Date): JP 98274539 A 19980929
Patent Details:
Patent No Kind Lan Pg Main IPC
                                     Filing Notes
JP 2000105766 A
                   11 G06F-017/30
Abstract (Basic): JP 2000105766 A
        NOVELTY - Information to be delivered (3) to user is selected from
    database (7) based on user profiles stored in profile storage unit (1).
    The feedback about information received from the user is collected (4)
    and a user group assembling user with similar demands is formed by
    production unit (5). User profile is corrected (6) according to the
    collected feedback and the accuracy of correction is evaluated.
        DETAILED DESCRIPTION - INDEPENDENT CLAIMS are also included for the
    following:
        (a) information filtering method;
        (b) program product
        USE - For use in electronic library world wide web.
        ADVANTAGE - Filtering accuracy at the time of performing feedback
    is tested and effective user group is produced.
        DESCRIPTION OF DRAWING(S) - The figure shows the block diagram of
    components of information filtering apparatus.
        Profile storage unit (1)
        Information delivering unit (3)
        Collection unit (4)
        Production unit (5)
        User profile correction unit (6)
        Database (7)
       pp; 11 DwgNo 1/11
Derwent Class: T01
International Patent Class (Main): G06F-017/30
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PATENT ABSTRACTS OF JAPAN

(11) Publication number: 2000105766 A

(43) Date of publication of application: 11 . 04 . 00

(51) Int. CI

G06F 17/30

(21) Application number: 10274539

(22) Date of filing: 29 . 09 . 98 (72) Inventor:

) Inventor: SAKAI TETSUYA

UEHARA TATSUYA SUMITA KAZUO

TOSHIBA CORP

.

(71) Applicant:

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(54) DEVICE AND METHOD FOR INFORMATION FILTERING, AND STORAGE MEDIUM

(57) Abstract:

PROBLEM TO BE SOLVED: To allow the number of users to be incleased and to obtain a relevance feedback which is effective to the individual users by generating user groups according to gathered feedback information and correcting user profiles for every user group according to the gathered feedback information.

SOLUTION: An information selection part 2 select information which seems to be proper out of an information data base 7 according to an initial user profile stored in a user profile storage part 1 and passes it to an information presentation part 3. A user group generation part 5 generates user groups wherein users who are similar in request and interest are gathered according to feedback information from the respective users. A user profile correction part 6 provides relevance feedback by the user groups and stores corrected user profiles in the user profile storage part 1.

